

Eastern Shore Basin: SWCB-Approved Nutrient Waste Load Allocations (9 VAC 25-720-110-C.)					Total Nitrogen Waste Load Allocation		Total Phosphorus Waste Load Allocation	
Facility	VPDES Permit No.	County or City Location	River Basin	Design Flow (MGD)	Total Nitrogen Concentration (mg/l)	Discharged TN Waste Load Alloc. (lbs/yr)	Total Phosphorus Concentration (mg/l)	Discharged TP Waste Load Alloc. (lbs/yr)
Cape Charles WWTP (1)	VA0021288	Northampton	E. Shore	0.50	4.00	6,091	0.3	457
Onancock WWTP (2)	VA0021253	Accomack	E. Shore	0.75	4.00	9,137	0.3	685
Shore Memorial Hospital	VA0027537	Northampton	E. Shore	0.10	4.00	1,218	0.3	91
Tangier Island WWTP	VA0067423	Accomack	E. Shore	0.10	4.00	1,218	0.3	91
Tyson Foods-Temperanceville	VA0004049	Accomack	E. Shore	1.25	6.00	22,842	0.3	1,142
5	Eastern Shore Totals =			2.70		40,506		2,467

Notes:

(1) Cape Charles STP: waste load allocations (WLAs) based on a design flow capacity of 0.5 million gallons per day (MGD). If plant is not certified to operate at 0.5 MGD design flow capacity by 12/31/10, the WLAs will decrease to TN = 3,046 lbs/yr; TP = 228 lbs/yr, based on a design flow capacity of 0.25 MGD.

(2) Onancock STP: waste load allocations (WLAs) based on a design flow capacity of 0.75 million gallons per day (MGD). If plant is not certified to operate at 0.75 MGD design flow capacity by 12/31/10, the WLAs will decrease to TN = 3,046 lbs/yr; TP = 228 lbs/yr, based on a design flow capacity of 0.25 MGD.